

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

29 SEPTEMBER 1977

ATHABASCA: A DOUBLE CELEBRATION

Almost eight years ago, *Folio* published a sad little notice that the University's three oldest buildings, Athabasca, Assiniboia, and Pembina Halls, would be demolished to make way for an apartment complex for graduate students. It was the University's good fortune that that decision was subsequently reversed: Pembina Hall was reopened two years ago, after comparatively modest renovations, and Athabasca Hall is being reopened this fall as an entirely new building inside its old brick and sandstone shell.

Although at one time, soon after it was built in 1911, it contained virtually the entire University, Athabasca was intended originally to be a residence hall for students. It served as a residence and as a centre of campus life until 1971, when it had to be closed as a residence, for it no longer met fire and safety standards.

During the spring and summer of 1976, the interior walls, floors, and ceilings were demolished and removed carefully through the roof, leaving the outer shell and windows intact; several interesting details of the old building, such as the stained glass windows, two handsome red brick fireplaces, and the woodwork in the old dining room, were preserved and incorporated into the new Athabasca.

Although the building is by no means a reconstruction of Athabasca Hall as it once was, parts of it have a warmth and charm unexpected in what essentially is a modern office building. While it houses various student affairs and community relations offices and teaching units, its days as a residence are recalled by the names and initials carved in the sandstone ledges outside its windows.

The official reopening of Athabasca Hall will take place at 2 p.m. on Saturday, 8 October, in the building's main foyer, with Premier Peter Lougheed as special guest.

At the same time, a major exhibition of items from the University Collections will begin. The intention of the exhibition is to celebrate Athabasca Hall's reopening (particularly appropriate since Athabasca in 1912 housed the University's first "museum") and to show to the University community and the public the variety and uses of the University Collections. *Athabasca: Exhibitions from the University Collections* will continue



Athabasca and Assiniboia Halls in 1913. Excavation is beginning for Pembina Hall.

until 4 November (11 a.m. until 4:30 p.m. Mondays, Tuesdays, Wednesdays, and Fridays; 11 a.m. until 9 p.m. Thursdays; and 2 p.m. until 5 p.m. on weekends and holidays).

The main exhibition will be in Athabasca Hall, where the main foyer, lounge, and eight rooms have been set aside for the duration of the exhibition. In the foyer and lounge will be early plans of Athabasca Hall and of the University and memorabilia of student life during the twenties, all from the University Archives.

A survey room will present examples from the individual collections that comprise the University Collections to demonstrate their variety. Another room, the Henry Marshall Tory Room, contains furnishings from the office of the University's first President, a portrait of him by F.H. Varley, and the 1912 architect's renderings of the way the University would like in years to come.

In the Athabasca Room, examples taken from the various natural science collections at the University will portray the Athabasca area of northeastern Alberta and at the same

demonstrate the breadth of the science collections. A conservation room will illustrate techniques in the care and preservation of artifacts.

Two rooms will be devoted to examples from the Special Collections department of the University Library and from the University Map Collection; the Special Collections exhibit will include two portfolios of photographs by Ansel Adams. Another room will present items from the historical costume collection, and another will contain various art objects, paintings, and prints owned by the University.

Three additional exhibitions from University Collections will be held at the same time, one in the Students' Union Art Gallery and two in the University Art Gallery and Museum.

The ethnographic collections will be represented in the SUB Gallery. The O.C. Edwards Collection of western Canadian Indian artifacts, one of the first collections to be purchased by the university (1919-1920) will be on display. The collection includes various items of clothing and beadwork,

catlinite stone pipes, and a steerhide robe painted with religious symbols and ceremonial scenes of war exploits and horse raids. In this exhibition there will also be drawings by the Inuit storyteller Kalvak and items of Inuit sculpture by Eegyvadluk, Pauta, and Peteroosie, plus various Inuit artifacts from the Lord Collection, including a large skin kayak and several miniature carvings of animals and everyday items.

The University Art Gallery and Museum will mount two exhibitions from the University's fine arts collections, one of contemporary Canadian items, international prints, and paintings, and one of works by W.J. Phillips owned by the University.

Among the contemporary art works are items that have been purchased for new University buildings. One of the outstanding works of this sort is a painting by Robert Motherwell, entitled *Autumn Summer 11* (1962-1964). Other items on display will include works by Jack Bush, A.Y. Jackson, F.H. Varley, and Victor Vasarely; paintings by Alberta artists before 1950; paintings by former staff, and works completed by students for Master of Visual Arts presentations for the Department of Art and Design.

The second exhibition in the University Art Gallery and Museum is a collection of both colored and black and white woodcuts and two watercolors by Walter J. Phillips. Phillips was born in England, where he trained as a watercolorist; nationally and internationally he is best known, however, for his work with the color woodcut, which he began only after his emigration to Canada in 1913. Western Canadian landscape from

the Lake of the Woods to the west coast was a favorite subject of Phillips, who is also well-known for his illustration of books, especially the *Highroads to Reading* series.

During the month, displays will be mounted by the Special Collections department of the University Library and by the University Archives. Particularly interesting rare books and similar items will be exhibited both in the Special Collections department itself, in 033 Cameron Library, and in the circulation area of Rutherford Library North. Archives displays of student memorabilia and items relating to various individuals who figured in the University's history will be set up in the main foyer of Rutherford Library South and in the Archives, on the second floor of that building. The University community and the public are also invited to visit other continuing displays on campus, such as the Geology Museum, in the Agriculture Building, and the W.G. Hardy Collection of Classical and Near Eastern Antiquities, in the Humanities Centre.

Just as great churches in the past brought out their treasures to show to the faithful on special occasions, the University will be bringing out its treasures, from fossilized fishes to Group of Seven paintings to share with its community and the public generally, on the occasion of the rebirth of its oldest building. It is singularly appropriate that such an exhibition, and such a reopening, should be happening on Homecoming Weekend.

SENATE

Senate held its regular meeting on Friday, 23 September. The following items were among those considered.

The University—Toward a Statement of Purpose

The major concern of the Senate at the first meeting of the new academic year was essentially a continuation of the theme of the 29 April meeting. At the previous meeting various members of the public addressed the Senate on their perceptions of the purpose of the University. Following that meeting a questionnaire was drafted and sent to each member of the Senate with the intention that they in turn would consult with other members of the community, and thereby generate an even more varied representation of the public's perception of the purpose of the University.

John McDougall informed the Senate that the comments received via the questionnaire could, for the most part, be resolved into two categories. Firstly, the purpose of the University was seen as promoting higher learning, research, and teaching people to think. The second category was that of career training directed toward the needs of society.

Based on the results of the questionnaire a statement was structured in the hope that it would provide a focus for the 23 September meeting. Four members of the academic community were invited to speak to "a major public perception that a primary purpose of the University of Alberta should be to prepare Albertans for jobs."

The members of the University community who were invited to address the Senate on the topic were Frank Jones, Dean of the Faculty of Law; Erwin Diener, Chairman of the Department of Immunology in Faculty of Medicine; Amy Zelmer, Dean of the Faculty of Nursing; and George Baldwin, Dean of the Faculty of Arts. The remarks of the four speakers did, in fact, adhere very closely to the two areas outlined by Mr. McDougall in his introduction. Each speaker stressed, with varying emphasis, that the obligation of the University was to provide an environment where higher learning could be pursued without the constraints of being obliged to teach only the skills needed for specific jobs.

Frank Jones was the initial speaker. He began his remarks by stating that the primary purpose of any institution of higher learning is to instill in students "a respect for and intelligent perception of knowledge which should then be turned into judgment." Dr. Jones went on to remark that such a judgment process would serve an individual in dynamic circumstances. He noted that jobs are changing rapidly and that if the purpose of the University is to prepare an individual for a specific job, then that individual and the University would soon become redundant. He admitted that the Faculty of Law did prepare students to practice in the legal profession, but he pointed out that law is a discipline which demands flexibility from its practitioners. In his concluding remarks he pointed out that the area of reform in law is highly important, and that engendering in a student a respect for reform could never be undertaken in a program which dealt only with the specific job training and skills.

Erwin Diener was the next speaker to address the Senate. He stressed that the purpose of the University was to teach a student to apply his knowledge to the world he experiences. He went on to note that "to apply knowledge is a creative act which requires the capacity for creative thinking." His complaint with the statement that the University should prepare Albertans for jobs was based on his contention that such a statement was often used to endorse a system of "routinized and bureaucratized egalitarianism which destroys individual creativity." Dr. Diener emphasized that the activity of research was important because

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

Published every Thursday for the staff and interested persons by the University Publications Office. Copyright 1977.

Jeanette Rothrock, Editor

FOLIO Policy Committee (Advisory Committee to the President).
E.D. Hodgson (Professor of Educational Administration),
J.W. Carmichael (Professor of Bacteriology), and
A. A. Ryan (Professor of English)
A.S. Knowler, Business Manager (Chief Accountant, Office of the Comptroller)

Staff: David Chester, Chris Simpson, Bryan Moon (Writers),
Sue Nash (Design Editor), Esther Fraser (Production)

FOLIO OFFICE

Telephone 432-4991

434 Athabasca Hall, The University of Alberta
Printed by the Printing Department
Photographic lab work by Technical Services

it involved the more creative aspects of thought, and that one of the purposes of the University should be to maintain an environment that encourages such creativity in both its students and teachers.

Amy Zelmer's address continued the general concern with the possible harmful effects of a university which trained its students only for jobs. Her initial remarks were that if the University is to prepare Albertans for jobs, then the questions "What jobs? and when?" must be asked. She said that if the University's primary concerns were only for the immediate employability of a graduate then a short-term vocational and technical skills program would be appropriate, but if the long-range suitability of graduates is a concern, then the situation is altered. She contended that graduates must have skills needed for the current job market, but they must also be able to deal with situations in the future, the nature of which is impossible to predict. To deal with such situations, she stressed that graduates must have such abilities as flexible thinking, logic, problem solving, intuition, and the ability to pursue their education independently. Dr. Zelmer also questioned whether or not the University should be concerned only with Albertans. She maintained that the experiential learning gained by contact with students of other cultures and backgrounds was an important element of a University education. In conclusion, she stressed that teaching current job skills only to Albertans is a narrow approach, and one to be avoided by the University.

George Baldwin was the final speaker to address the Senate. He cited research and apprenticing, undergraduate vocational training, and general education as the three functions of the University. He characterized research as "seeking, creating, and contemplating new knowledge." Furthermore, he stressed that research took place in cooperation with "graduate student apprentices" and that the teaching that consequently took place was highly important. He maintained that an enlightened society supports such activity as vital to its well-being. Dr. Baldwin indicated the second function of the University, undergraduate vocational training, was entirely appropriate to the University because as well as teaching certain skills needed by society, the University also taught underlying principles and concepts. He stressed, however, that highly specialized, undergraduate vocational programs should not be taken as defining the purpose of the University. Finally he maintained that the third function, general education, was not in isolation from the communities interests. He stressed that general education is "vitally important to our society for the contribution

it makes through the training of minds, and it needs no other rationale."

Following Dr. Baldwin's address there was general discussion among the members of the Senate and the public gallery on the issues that had been raised. At the close of this discussion Chancellor Dalby reiterated the Senate's function as a point of access where any concern about the University may be listened to and acted upon. As a preparation for the resolution the Senate Questionnaire Committee had prepared, Mr. Dalby invited Jean Forrest of the Priorities Committee to speak.

Mrs. Forrest briefly outlined the reasons for the creation of the Priorities Committee and the scope of its responsibilities. The ad hoc Priorities Committee was set up by the President at the request of the Board of Governors. During the 1960s, universities experienced a period of rapid growth during which funding was readily available. Because Canada was short of graduates in almost every field there was little need to assign priorities to particular programs. In 1972 the enrolment stabilized and there was no real growth in funding. The University had developed a program mix capable of dealing with enrolment at that time, but now it must respond to changed circumstances. The creation of the Committee is an attempt to deal with this situation.

The Committee has set certain terms of reference for itself. Mrs. Forrest cautioned, however, that the terms of reference had not yet been ratified and are subject to change. The Committee sees its mandate as covering academic, administrative, and support systems of the University. They wish to recommend for adoption by the appropriate bodies a decision making structure capable of dealing with the various growth patterns, identify problems created by the present funding policies of the government, and suggest ways in which the resources of the University may be better utilized. The Committee plans to consult as widely as possible with all the constituent parts of the University.

The Priorities Committee has already taken initial steps with three studies. It is seeking to discover the desired program mix for the early 1980s, to set up a financial forecast model to project University cost commitment over the next five or ten years, and to study the feasibility of shifting non-monetary resources in the University.

At the completion of Mrs. Forrest's talk the Senate considered the resolution before them. The resolution read as follows: "Resolved that the Senate of the University of Alberta establish a Task Force to determine public and institutional opinion as to what the goals of the University of Alberta should

be for the immediate future." After discussing the resolution and the possible form and direction of the Task Force, the Senate deferred any decision on it until the meeting of 25 November at which point a resolution could be given a more definitive form.

Interdisciplinary Studies

DIVISION OF EAST EUROPEAN STUDIES

The Division of East European Studies is the only academic unit in a western Canadian university devoted to the interdisciplinary study of East Europe, the Soviet Union, and East European peoples of Canada. The Division functions as a focus for students and other groups interested in East European studies and in the Canadian dimension of these studies.

The tasks of the Division are to cooperate with various departments in offering programs leading to graduate degrees with specialization in East European Studies; to promote and coordinate interdisciplinary studies on Eastern Europe, the Soviet Union, and East European peoples of Canada; and to serve as a focal point for interaction with East European ethnocultural groups in Alberta.

The need for this Division was felt as early as 1945 when the University introduced its first Russian language course. Prior to 1945 there had been little interest in the Soviet Union, but with the emergence of that country as a world power and its rapid advance in technology, Canadian universities turned their attention to that unstudied part of Europe.

Besides organizing interdisciplinary courses and seminars with broad student and faculty participation, the Division promotes conferences and sponsors visiting speakers. Because the University of Alberta is in geographical isolation from other major centres of Slavonic and Soviet studies, this function is vital since it provides the opportunity for the direct exchange of ideas and experiences. Over the years dozens of speakers were either directly invited to speak by the Division or, while speaking on campus, invited to give special talks for interdepartmental seminars.

In August of 1965, the Ukrainian Professional and Businessmen's Club of Edmonton approached the University with an offer of financing an annual lecture on some aspect of Ukrainian literature, culture, or history. The Shevchenko Memorial Lectures began in 1966 and have proved to be an eclectic series of presentations.

One of the more interesting undertakings of the Department is the summer course offered in Eastern Europe. Entitled "An introduction to Eastern Europe and the Soviet

Union," the course is spent in the Soviet Ukraine and Poland with a brief visit to Moscow. Three weeks are spent in Kiev at the Taras Shevchenko University, one week travelling around the Ukraine, and five days in Poland.

The Division has started on the histories of Central and East European ethnocultural groups in Alberta. An initial grant of \$1,200 was obtained for this project from the University Research Fund as well as a grant of \$10,000 from the Ministry of Culture. A monograph based on the recollections of several Alberta pioneers from Central and Eastern Europe was published in 1976.

POLICY ON CONTRACTS AND COMMITMENTS

The following information has been received from David Norwood, Assistant to the Vice-President Finance and Administration.

Preamble

In the past, there has been little or no coordination of administrative matters related to certain types of contracts and commitments involving the University and outside parties, which has resulted in a number of internal problems:

1. Insurance coverage in relation to liability or other risk exposure is often overlooked.
2. Funds in respect to such contracts and commitments are not sent to the appropriate University officer, creating difficulties in determining the related contracts or commitments with which they are associated.
3. Legal considerations and overhead allowances are often overlooked.
4. Space considerations are sometimes overlooked.
5. Contracts and commitments are not always executed by the appropriate University authorities.
6. There is no central registry of contracts and commitments between the University and outside parties, which creates difficulties in establishing the nature, status, and extent of these relationships.

Objective

1. The objective of the policy is to coordinate the administrative requirements of contracts and commitments between the University of Alberta and individuals, groups, agencies, or institutions outside the University. These contracts and commitments normally involve funding, liability, or other obligations on the part of the University toward outside parties including companies, private organizations, governments and their agencies, and so on.
2. Only the following contracts and commitments are *excluded* from this policy:
(a) those now administered by the Research

Grants and Contracts Office; (b) those now administered by the Fund Development Office; (c) those now administered by the Office of Student Awards; (d) those involving the acquisition, rather than the provision, of goods and services outside the University; and (e) those standard form contracts used by service, support, or ancillary departments which have been approved by the responsible Vice-President.

3. General examples of contracts and commitments to be coordinated under this policy include (a) conditional and special operating, capital, or other grants from governments and their agencies, from private organizations, and from other sources and (b) affiliation agreements involving other educational institutions and organization, hospitals, and other groups and organizations.

4. Specific examples of contracts and commitments include those involving the Provincial Laboratories; the conditional grants for the Mineral Engineering Program; Innovative Projects; temporary employment programs; negotiated development grants and other grants from such agencies as the Canada Council, CIDA, CUSO, LIP; TRIUMF; hospital affiliation agreement; and the supply of utilities to the greater campus area.

Administrative requirements

1. Faculties and Departments are requested to negotiate contracts and commitments of the nature described above in consultation with the Office of the Vice-President (Finance and Administration). This Office will coordinate consideration of (a) academic implications; (b) staffing, space, indemnity, and liability arrangements; (c) funding in relation to the estimated capital costs and the direct and indirect operating costs; (d) budgetary implications upon expiry of the contracts or commitment; (e) legal implications including any limitations or requirements under the Universities Act; and (f) any required committee or other approval within the University.

2. Contractual documents should indicate that: (a) any notices to the University are to be sent to the Vice-President (Finance and Administration) and (b) any payments to the University are to be sent to the Comptroller.

3. Execution of the final contractual or other documents by the appropriate University signatories will be arranged by the Office of the Vice-President (Finance and Administration). That Office will distribute copies of the executed documents to the involved faculty or department, the appropriate Vice-President(s), the Comptroller's Office, and elsewhere as required. One copy of the executed documents will be retained in the Office of the Vice-President (Finance and

Administration) which will maintain the central registry of the described contracts and commitments.

4. Under this arrangement, negotiations with outside parties will continue to be the responsibility of the involved faculties and departments. Consultation with the Office of the Vice-President (Finance and Administration) does *not* preclude direct discussion of the proposed contracts or commitments with the President or other Vice-Presidents.

Enquiries about the policy and the administrative requirements should be directed to D.C. Norwood, Assistant to the Vice-President (Finance and Administration), 3-22 University Hall, telephone 432-4730

NORTHERN PIPELINES AND CANADIAN NATIONALISM

A public lecture by Robert Blair, President of Foothills Pipelines Limited, will take place on Thursday, 6 October, at 8 p.m. in TL-11 Tory Building. The lecture is entitled "Northern pipelines and Canadian nationalism" and is sponsored by the Department of Political Science.

Mr. Blair is well qualified to speak on the pipeline issue. Since the National Energy Board's denial of the Mackenzie Valley route for the pipeline, the proposal of Foothills Pipelines Limited to use the Alaska Highway route seems very likely to succeed. The implications of a Canadian company undertaking such a major project are broad, and Mr. Blair's focus upon this aspect of the pipeline issue should be of great interest to all Canadians.

ALUMNI HOMECOMING '77

In early October alumni will return to the University to participate in the annual Homecoming Weekend. The Weekend begins on Friday, 7 October, at 8 p.m. in the Faculty Club with a wine and cheese party. This is a chance for former students and teachers to meet again, and for faculty members to meet the alumni. All faculty members are welcome.

On Saturday morning at 10:30 a.m. there will be a tour of the campus, originating from the Rutherford Galleria. The campus has changed beyond recognition in the past fifty years, but the preservation of its history, for example the renovation of Athabasca and Pembina Halls, will be heartening to those alumni who remember these buildings as the focus of their University lives. At 2 p.m. the Official Re-opening ceremonies at Athabasca Hall will take place with a tea and tour of the building to follow.

The most important event of the Weekend will be the Banquet and Ball, which begins with a reception at 6:30 p.m. in Lister Hall. The reception will be followed by a dinner at 7:30 p.m. and dancing at 9 p.m. Special recognition and honor will be accorded the Silver, Golden, and Diamond anniversary classes ('52, '57, and '67), as well as to the other special classes ('37, '57, '67, and '72).

On Sunday, 9 October, there will be a luncheon which will precede the football game between the Golden Bears and the University of Calgary Dinosaurs. Alumni who attend the luncheon will be admitted to the game free.

Tickets to weekend events and further information about the Homecoming Weekend is available from the Alumni Office, 430 Athabasca Hall, telephone 432-3224.

PEOPLE

■ Lszek A. Kosinski, Professor of Geography, chaired a meeting of the Commission on Population Geography in Mexico City from 9 to 13 August. The International Geographical Union Commission will be organizing two international symposia in 1978. The main theme will be "Population Redistribution in Africa (Zaria, Nigeria) and Europe (Oulu, Finland)."

Dr. Kosinski has also participated in the General Conference of the International Union for the Scientific Study of Population and the Committee for International Coordination of National Research in Demography, both held in Mexico City.

■ Kathleen A. Dier became Associate Dean for the Faculty of Nursing on 1 September. Miss Dier has just returned from a one-year posting as a World Health Organization Consultant, working with the Faculty of Public Health, Mahidol University, Bangkok, Thailand. There, she was specifically concerned with the planning and implementation of a one-year Nurse Practitioner Diploma Program and a two-year Masters' in Public Health Nursing Program.

■ L.C. Green, University Professor, attended the fourth Roundtable of the "International Institute of Humanitarian Law," San Remo, and read a paper on the "Role of the legal adviser in the armed forces."

■ L.W. Conolly, Associate Professor of English, has been elected President of the Association for Canadian Theatre History/Association d'Histoire du Théâtre au Canada.

■ Joseph R. Royce, Director of the Center for Advanced Study in Theoretical Psychology, recently addressed the Division of Philosophical Psychology at the American Psychological Association in San Francisco.

Dr. Royce, one of the five founding members of the Division fifteen years ago, was elected as its President in 1970. He presented a paper entitled "Philosophic issues and Division 24—the future."

■ Einer Boberg of the Department of Speech Pathology and Audiology recently received a \$31,000 grant from the Alberta Mental Health Advisory Council. Dr. Boberg will study the problems encountered by stutterers in maintaining a satisfactory level of fluency in the post-treatment environment following intensive therapy.

■ Gwynn Nettler, Professor of Sociology, gave an invited address at the annual meeting of the American Sociological Association held in Chicago from 5 to 9 September. Her topic was "Description, prescription, and science: On differences between knowing something and knowing enough, promising, and predicting." Dr. Nettler also read a paper during these meetings on "Issues in social prediction," a criticism of attempts to know the future.

■ Richard Jung, Associate Professor in the Department of Sociology, presented a paper entitled "Systems of action" at the First International Congress on Applied General Systems Research, sponsored by NATO, in Binghamton, New York in August.

■ G.S. McCaughey, Professor of English, will deliver a paper at the University of Kent's Popular Drama and Entertainment Conference in Canterbury, England, in September. His address, "The theatre as war game," will examine the role of garrison officers in nineteenth century Canadian theatre. Professor McCaughey recently attended the Third International Conference for Computing in the Humanities, Waterloo, Ontario, where he presented a paper, "Canadian theatre history computerized," and chaired a session on "Computers and folk literature."

■ Professor F.L. Radford of the Department of English participated in two panel discussions—"Joyce in performance" and "Joyce and Irish politics" during the Sixth International James Joyce Symposium held at Trinity College, Dublin, and University College, London from 11 to 18 June.

■ Karol Krotki, Professor of Sociology, has been elected to the Council of the International Association of Survey Statisticians, a subsidiary of the International Institute of Statisticians. There are two Canadians among the eleven office holders and the office duration is four years.

■ J.G. Roederer, the recently appointed Director of the Geophysical Institute of the University of Alaska, will visit the Institute of Earth and Planetary Physics on 22 and 23 September. Professor Roederer is a world-renowned expert in the fields of space physics,

the physics of the brain, and the physics of music. While at the University, he will deliver a lecture on the topic "Planetary magnetospheres" at 3:30 p.m. in V-120 Physics Building on Thursday, 22 September.

VISITORS

■ Henry Rappaport, world-renowned authority on lymphomas, was the R.E. Bell Memorial Lecturer for 1977 and guest of the Department of Laboratory Medicine at this University from 31 August to 2 September.

■ G. Finzi-Contini of the University of Palermo, Sicily, was a recent visitor to the Department of Physics and the Institute of Earth and Planetary Physics. He spent two months, from 15 July to 15 September, working with Professor D. Rankin on problems relating to the Italian projects on geothermal energy and geodynamics.

■ Pinchas Tamir of the Amos De Shalit Science Teaching Centre, Hebrew University of Jerusalem, visited the Faculty of Education from 7 to 15 September. He conducted a number of seminars in the Departments of Secondary Education, Elementary Education, and Educational Foundations, and presented a lecture entitled "Science education: retrospect and prospect" to teachers in the Edmonton area.

■ A. Papapetrou of the Institut Henri Poincaré, Paris, France, presented a theoretic physics seminar entitled "Periodic solutions in general relativity" for the Department of Physics on 8 September.

■ Michael McElhinny, Senior Fellow of the Institute of Advance Studies at the Australian National University, was a recent visitor to the Institute of Earth and Planetary Physics.

Dr. McElhinny presented an Institute Seminar entitled "Changes in the gravitational constant: Evidence from the Earth, Moon, Mercury, and Mars" and a Geophysics Seminar entitled "Anomalies in the time average palaeomagnetic field and their implications for the lower mantle."

NOTICES

Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary.

FOLIO DEADLINES

All notices for publication in *Folio* must reach the Publications Office no later than 9 a.m. the Thursday prior to the desired date of appearance. Should notices be received after that date, they will be recorded in the subsequent issue.

STUDENT RESEARCH DAY

The Annual Student Research Day in the Faculty of Medicine will be held Wednesday, 19 October, at 1 p.m. in 2-117 Clinical Sciences Building. The program consists of twenty-one scientific papers with fifteen minutes allotted to each. Winners of the three Michael Emery Awards, to be announced at the conclusion of the student presentations, will be eligible for sponsorship to present their work at a national meeting.

BLOOD SAMPLES NEEDED

Families who are willing to give a small blood sample for a medical research project being carried out in Edmonton are requested to contact L. Marchuk, telephone 432-8881 or 432-8880.

ALBERTA OPEN CHESS CHAMPIONSHIP

The 1977 Alberta Open Chess Championship will be held 8 to 10 October on the fifth floor of the General Services Building. Registration is from 8:30 a.m. to 9:30 a.m. on 8 October, or in advance. The entry fee is \$10 in the Senior classification and \$7 in the Junior classification (under eighteen). The "on site" fee is an additional \$2. Membership in Alberta and Canadian Chess Associations is required. For more information contact L. Steele, telephone 432-5765.

SINGLES GROUP ON CAMPUS

Persons who may be interested in forming a singles group on campus are invited to call the Office of Student Affairs, telephone 432-4145 during the day or 483-5992 during the evening.

DENTAL HYGIENE CLINIC

The Dental Hygiene Clinic is accepting patients for oral prophylaxis (teeth cleaning). Please call 432-4151 for an appointment.

FACULTY WOMEN'S CLUB FALL TEA

Notices have been sent out, via campus mail, to faculty women and wives of faculty members announcing the Faculty Women's Club Fall Tea to be held 17 September from 2 p.m. to 4 p.m. at the Faculty Club.

DIVISION OF EAST EUROPEAN STUDIES

The Dean of Interdisciplinary Studies has established a review committee to consider the Division of East European Studies. The committee is to report by the end of November.

Interested persons having views or recommendations about how the Division should continue, what its role should be in teaching and research at both the graduate and undergraduate level, its staffing and organization, its relation to other academic units and to the community as a whole are asked to write to the review committee chairman, Dr. L.G. Stephens-Newsham, Faculty of Pharmacy and Pharmaceutical

Sciences. If such persons wish to present their views directly, they can make arrangements through the Secretary of the Division to meet with the committee.

GUILD FOR MEDIEVAL AND RENAISSANCE STUDIES

The first monthly meeting of the Guild for Medieval and Renaissance Studies will be held on Thursday, 29 September, at 8:15 p.m. in 3-19 Humanities Centre. There will be a lecture by André Nitecki on "African art from the ninth to the seventeenth centuries." New memberships and renewals will be accepted before and after the meeting. Students, staff, and friends are welcome.

DRIED FLOWER SALE

The University of Alberta Devonian Botanic Garden will have its annual sale of dried flowers at the Southgate Shopping Mall on 29 and 30 September from 9:30 a.m. to 9 p.m., and 1 October from 9:30 a.m. to 5 p.m. In addition to an excellent assortment of dried flowers, silica gel, booklets, note paper, post cards, and other items will be available. The famous collection of Fred Tarton lilies will also be featured as well as demonstrations of flower arranging.

LITURGY WORKSHOP

St. Joseph's College will host a workshop on the liturgy on Friday evening, 30 September, and Saturday afternoon, 1 October. Father Barry Glendenning's introduction will cover the basic elements of good liturgy. The Saturday afternoon workshop will involve practical sessions for ushers, acolytes, lectors, musicians, and banner-makers. Programs and registration forms are available from the chaplains, St. Joseph's College, telephone 433-2257. There is no fee for the workshop.

CAMPUS OBSERVATORY

The University's campus observatory is once again regularly scheduling shows each Friday. Two one-hour shows will be held each Friday evening at 9 p.m. and 10 p.m. during September, and 8:30 p.m. and 9:30 p.m. during October. During November and December the tours will be held at 7:30 p.m. and 8:30 p.m. In the event of poor weather conditions, slide and film presentations or an informal lecture will be given.

As many as thirty people can be accommodated at each showing, and advanced bookings must be made through the University's Public Relations Office. In addition to the regularly scheduled shows, arrangements can be made to accommodate special interest groups such as scouts, guides, and school children.

The Observatory is located on the roof of the Physics Building within a protective enclosure, but visitors are advised to dress

warmly as the observatory is not heated.

For further information and tour reservations telephone 432-4201.

FACULTY BADMINTON

The main gymnasium will be available to all those eligible for the Faculty Club, including spouses and post-doctoral fellows, to play badminton each Wednesday, 8:30 p.m. to 10:30 p.m., beginning 28 September. Fees are \$6 per faculty member or spouse and \$1 per post-doctoral fellow. Both beginners and experienced players are welcome. For information contact T. Capri, telephone 432-5502, J. Martin, telephone 432-5307, or C. James, telephone 432-5653.

NCPEA ANNUAL MEETING TO BE HELD HERE

The National Conference of Professors of Educational Administration (NCPEA) has accepted the invitation of the Department of Educational Administration to hold its annual meeting at the University in 1979. The meeting will be held following the summer session in August. NCPEA draws its membership primarily from United States and Canadian Universities, but small numbers come from other countries as well. This will be the first time in its thirty-year history that the organization will hold its annual meeting in Canada. Dr. and Mrs. F. Enns will be the hosts for the occasion.

GENERAL FACULTIES COUNCIL

Committee Vacancies

GFC Executive Committee. The GFC Nominating Committee is seeking nominations for one member of GFC to serve on the Executive Committee of GFC. Those who have suggestions for nominations, or who are interested in serving on the Executive Committee are requested to contact the Secretary of the Nominating Committee at 2-1 University Hall, telephone 432-4715. It would be appreciated if a brief vita could accompany any nomination.

EXHIBITION GUIDES REQUIRED

Student guides are needed for "Athabasca: Exhibitions from the University Collections," an exhibition of art and artifacts to be held in Athabasca Hall from 7 October until 4 November. Students will work on a part-time basis up to twenty hours per week, at a rate of \$3.50 per hour. Interested persons should contact Personnel Services and Staff Relations, on the third floor of the Students' Union Building, telephone 432-4203.

THE EDMONTON SYMPHONY CHORUS

The Edmonton Symphony Chorus holds rehearsals every Tuesday evening in the Banquet Hall (downstairs) of the Jubilee Auditorium. Any interested male singers are invited to join.

THIS WEEK AND NEXT

Listings much reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is preferred.

29 SEPTEMBER, THURSDAY

Northern Light Theatre

12:10 p.m. "Ten Lost Years." Part I: "The Farm."

1:10 p.m. "Ten Lost Years." Part II: "The City and The Jungle." Directed by Scott Swan and starring Margaret Barton and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for senior citizens. Tickets available at Bay ticket outlets and at the door.

Biochemistry Seminar

12:30 p.m. "A new look at okazaki fragments," with speaker Robert Lehman. 227 Medical Sciences Building.

Entomology Seminar

4:30 p.m. "A thiol activated digestive proteinase from *rhodnius prolixus* "stal," with speaker J. Houseman. 62 Athabasca Hall Annex.

Cinematheque 16

7:30 p.m. *Before the Revolution/Prima Della Rivoluzione* (Italy, 1964). Directed by Bernardo Bertolucci and starring Francesco Barilli and Adriana Asti. English subtitles. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Edmonton Opera Association

8 p.m. *The Mikado*, with Barbara Shuttleworth and Napoleon Bisson. Conducted by Andrew Meltzer. Jubilee Auditorium. Single admissions from \$5.50 to \$15. Tickets available at all Woodward's stores, Season tickets available from the Edmonton Opera Association.

Classics Seminar

4:30 p.m. "Portraiture in roman coins from Augustus to the Late Empire," with speaker G.C. Stumpf. 1-8 Humanities Centre.

Graduate Students' Association

7 p.m. A general meeting of the GSA. Speakers will include H.E. Gunning, President of the University; J. Forster, Dean of Graduate Studies; and L. Henderson, Administrator, Students Awards Office. The meeting is of an introductory nature and all graduate students are welcome. TLB-2 Tory Building.

Student Cinema

7 p.m. *Taxi Driver* (United States, 1976). Directed by Martin Scorsese and starring Robert de Niro and Cybill Shepherd. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

30 SEPTEMBER, FRIDAY

Sociology Lecture Series

12 noon. "Value of the historical experience," with speaker Ivan Rudnitsky. From the lecture series, *Eternal Values and Changing Fashions*. Centennial Library

Northern Light Theatre

12:10 p.m. "Ten Lost Years." Part I: "The Farm."

1:10 p.m. "Ten Lost Years." Part II: "The City and The Jungle." Directed by Scott Swan and starring Margaret Barton and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for senior citizens. Tickets available at Bay ticket outlets and at the door.

Public Lecture

3:30 p.m. "Canada—China comparisons: the case of sport," with speaker Herbert Gamberg. 14-6 Henry Marshall Tory Building.

Faculty Club

Downstairs. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, tossed salad.
Upstairs. Friday special: lasagne, scaloppine, italian salad, garlic bread, grasshopper pie. \$5.50. Also regular dinner menu. Reservations required. Entertainment: Magic Touch.

Student Cinema

7 p.m. *Taxi Driver* (United States, 1976). Directed by Martin Scorsese and starring Robert de Niro and Cybill Shepherd. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

Cinematheque 16

7:30 p.m. *The Misfits* (United States, 1960). Directed by John Huston and starring Clark Gable and Marilyn Monroe. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

1 OCTOBER, SATURDAY

Faculty Club

Downstairs. Barbecue your own: steak, \$5.50; hamburger, \$3.50; baked potato, garlic bread, salad bar, apple pie.
Upstairs. Regular dinner menu. Reservations required.

Student Cinema

7 p.m. and 9:30 p.m. *Islands in the Sun* (United States, 1977). Directed by Franklin Schaffner and starring George C. Scott. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

Northern Light Theatre

7:30 p.m. "Ten Lost Years." Directed by Scott Swan and starring Margaret Barton

and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$3 for adults and \$2.50 for students and senior citizens. Tickets available at Bay ticket outlets and at the door.

Edmonton Opera Association

8 p.m. *The Mikado*, with Barbara Shuttleworth and Napoleon Bisson. Conducted by Andrew Meltzer. Jubilee Auditorium. Single admissions from \$5.50 to \$15. Tickets available at all Woodward's stores. Season tickets available from the Edmonton Opera Association.

2 OCTOBER, SUNDAY

Cinematheque 16

2 p.m. *Swing Time* (United States, 1936). Starring Fred Astaire and Ginger Rogers. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Student Cinema

7 p.m. and 9:30 p.m. *Islands in the Sun* (United States, 1977). Directed by Franklin Schaffner and starring George C. Scott. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

National Film Theatre

8 p.m. *Lupo* (Israel, 1970). Directed by Menahem Golan. English subtitles. Zeidler Hall, Citadel Theatre. Admission is \$3 regular and \$2 for students and senior citizens.

Cultural Celebrity Series

8 p.m. Theodore Bikel. Schoctor Theatre, Citadel Theatre. Admission is \$5 for adults and \$2.50 for students and senior citizens. Tickets available at the Citadel Theatre Box Office and at the door.

3 OCTOBER, MONDAY

Brown Bag Seminar

1 p.m. "Children's problem solving behavior," with speakers Dianne Kieren and Tom Kieren. 219 Household Economics Building.

Plant Science Seminar

1 p.m. "The National Research Council of Canada—past, present, and future," with speaker M.S. Spencer. 490 Agriculture Building.

East European Studies Seminar

1 p.m. "Succession problems in Soviet leadership," with speaker J. Borys. TL-45 Tory Building.

East European Studies Seminar

8 p.m. "Succession problems in Soviet leadership," with speaker J. Borys. 14-6 Tory Building.

Edmonton Film Society

8 p.m. *The Working Class Goes to Heaven*

(Italy, 1972). Starring G.M. Volonte. English subtitles. Students' Union Theatre. Series tickets available at Woodward's, the HUB Box Office, and at the door.

Edmonton Opera Association

8 p.m. *The Mikado*, with Barbara Shuttleworth and Napoleon Bisson. Conducted by Andrew Meltzer. Single admissions from \$5 to \$15. Tickets available at all Woodward's stores. Season tickets available from the Edmonton Opera Association.

4 OCTOBER, TUESDAY

Northern Light Theatre

12:10 p.m. "Ten Lost Years." Part 1: "The Farm."

1:10 p.m. "The City and the Jungle."

Directed by Scott Swan and starring Margaret Barton and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for senior citizens. Tickets available at all Bay Ticket outlets and at the door.

Student Cinema

7 p.m. *California Split* (United States, 1974). Directed by Robert Altman and starring George Segal.

9:30 p.m. *Images* (United States/Ireland, 1972). Directed by Robert Altman and starring Susannah York. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door. Tickets available at the HUB Box Office.

National Film Theatre

8 p.m. *Divorzio All'Italiana/Divorce Italian Style* (Italy, 1961). Directed by Pietro Germi. English subtitles. Centennial Library Theatre. Admission is \$2 regular and \$1.50 for students and senior citizens.

Espace Tournesol

8:30 p.m. "Separation." An original work by John Juliani for Carole and Ernst Eder. At Espace Tournesol, 11845 77 Street. Admission is \$3 advance and \$3.50 at the door. Tickets available at the Bay Ticket Office, Mikes, and Espace Tournesol.

Theatre Francais D'Edmonton

L'ouvre Boite. Jean-Louis Roux's adaptation of Victor Lanoux's play. Rice Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at the Citadel Box Office.

5 OCTOBER, WEDNESDAY

Northern Light Theatre

12:10 p.m. "Ten Lost Years." Part 1: "The Farm."

1:10 p.m. "The City and the Jungle."

Directed by Scott Swan and starring Margaret Barton and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for

senior citizens. Tickets available at all Bay Ticket outlets and at the door.

Espace Tournesol

8:30 p.m. "Separation." An original work by John Juliani for Carole and Ernst Eder. At Espace Tournesol, 11845 77 Street. Admission is \$3 advance and \$3.50 at the door. Tickets available at the Bay Ticket Office, Mikes, and Espace Tournesol.

Theatre Francais D'Edmonton

L'ouvre Boite. Jean-Louis Roux's adaptation of Victor Lanoux's play. Rice Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at the Citadel Box Office.

6 OCTOBER, THURSDAY

Entomology Seminar

4:30 p.m. "Taxonomic studies of the cutworm moth genus *euxoa*," with speaker D. Lafontaine. 62 Athabasca Hall Annex.

Northern Light Theatre

12:10 p.m. "Ten Lost Years." Part 1: "The Farm."

1:10 p.m. "The City and the Jungle."

Directed by Scott Swan and starring Margaret Barton and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for senior citizens. Tickets available at all Bay Ticket outlets and at the door.

Cinematheque 16

7:30 p.m. *Modern Times* (United States, 1936). Directed by and starring Charles Chaplin. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Public Lecture

8 p.m. "China since the death of Mao," with speaker David Bonavia. TL-1 Henry Marshall Tory Building.

Espace Tournesol

8:30 p.m. "Separation." An original work by John Juliani for Carole and Ernst Eder. At Espace Tournesol, 11845 77 Street. Admission is \$3 advance and \$3.50 at the door. Tickets available at the Bay Ticket Office, Mikes, and Espace Tournesol.

Theatre Francais D'Edmonton

L'ouvre Boite. Jean-Louis Roux's adaptation of Victor Lanoux's play. Rice Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at the Citadel Box Office.

7 OCTOBER, FRIDAY

Sociology Lecture Series

12 noon. "Value of the artistic experience," with speaker Elizabeth Gagon. From the lecture series, *Eternal Values and Changing Fashions*. Centennial Library.

Northern Light Theatre

12:10 p.m. "Ten Lost Years." Part 1: "The Farm."

1:10 p.m. "The City and the Jungle."

Directed by Scott Swan and starring Margaret Barton and Michael Ray Cunningham. Edmonton Art Gallery. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for senior citizens. Tickets available at all Bay Ticket outlets and at the door.

Faculty Club

Downstairs. From the grill: steak sandwiches, hamburgers, french fries, hot beef dips, salad bar.

Upstairs. Homecoming wine and cheese party. Regular dining in Papaschase only.

Reservations required.

Student Cinema

7 p.m. and 8:30 p.m. *The Seven Percent Solution* (Great Britain, 1976). Directed by Herbert Ross and starring Alan Arkin. Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door.

Cinematheque 16

7:30 p.m. *Seventh Seal* (Sweden, 1960). Directed by Ingmar Bergman and starring Max von Sydow. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Alumni Homecoming

8 p.m. Wine and cheese party and "meet the prof's." Faculty Club.

Espace Tournesol

8:30 p.m. "Separation." An original work by John Juliani for Carole and Ernst Eder. At Espace Tournesol, 11845 77 Street. Admission is \$3 advance and \$3.50 at the door. Tickets available at the Bay Ticket Office, Mikes, and Espace Tournesol.

Edmonton Symphony Orchestra

8:30 p.m. The Edmonton Symphony Orchestra performs with Michael Lorimer, guitarist. Jubilee Auditorium. For ticket information contact the Symphony Box Office, 11712 87 Avenue, telephone 433-2020.

Theatre Francais D'Edmonton

L'ouvre Boite. Jean-Louis Roux's adaptation of Victor Lanoux's play. Rice Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at the Citadel Box Office.

8 OCTOBER, SATURDAY

Alumni Homecoming

10 a.m. Campus tour. Includes a tour of *Athabasca: Exhibitions for the University of Alberta Collections*.

6:30 p.m. to 7:30 p.m. Homecoming reception. Lister Hall.

7:30 p.m. to 1 a.m. Homecoming banquet and ball. Lister Hall.

Faculty Club

Downstairs. Thanksgiving buffet: turkey, mashed potatoes, green beans, cranberry sauce, pumpkin or mincemeat pie. \$5.50.
Upstairs. Regular dinner menu. Reservations required. Entertainment: Charlie Austin.

Student Cinema

7 p.m. and 9:30 p.m. *The Seven Percent Solution* (Great Britain, 1976). Students' Union Theatre. Admission is \$1.50 advance and \$2 at the door.

Audubon Wildlife Films

8 p.m. *Wilderness Alberta*, with speaker Albert Karvonen. Provincial Museum. Admission is \$2.50 for adults and \$1.25 for children. Tickets available at the door.

Edmonton Symphony Orchestra

8:30 p.m. The Edmonton Symphony Orchestra performs with Michael Lorimer, guitarist. Jubilee Auditorium. For ticket information contact the Symphony Box Office, 11712 87 Avenue, telephone 433-2020.

Espace Tournesol

8:30 p.m. "Separation." An original work by John Juliani for Carole and Ernst Eder. At Espace Tournesol, 11845 77 Street. Admission is \$3 advance and \$3.50 at the door. Tickets available at the Bay Ticket Office, Mikes, and Espace Tournesol.

Theatre Francais D'Edmonton

L'ouvre Boite. Jeon-Louis Roux's adaptation of Victor Lanoux's play. Rice Theatre. Admission is \$3.50 for adults and \$2.50 for students and senior citizens. Tickets available at the Citadel Box Office.

EXHIBITIONS AND PLAYS

SUB Art Gallery

To 30 September. "Graphic designers of Canada" is the first national exhibition of work by members of the Society of the Graphic Designers of Canada.

West End Gallery

From 26 September. "Rhonda Galper, an Alberta realist," a solo exhibition and sale of paintings by the Edmonton artist Rhonda Galper. The official opening will take place on 25 September at 7 p.m.

Rutherford House

Continuing. The House, 11153 Saskatchewan Drive, is furnished in its original manner. Admission is free. Tours by appointment, telephone 427-3995 weekends, 427-5708 weekdays.

Provincial Museum

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Edmonton Art Gallery

From 24 September. "The John Henry Hinton photographs: China 1894-1918," a photographic overview of China at the turn of the century. The official opening of the exhibition will take place on 23 September at 8:30 p.m.

Continuing. "The Fauve Heritage," an exhibition examining twentieth century art influenced by "Fauve" attitudes toward color.

NON-CREDIT COURSES

SEXUALITY OF THE PHYSICALLY DISABLED

A one-day seminar will be held on 1 October on Sexuality of the Physically Disabled. The seminar, sponsored by the Faculty of Extension, has been designed so that participants will have an opportunity to explore their own attitudes both toward sexuality and toward the disabled. It will be of interest both to the disabled and to those related to them as professionals, family, or friends. The day will consist of small group discussion, films, and general aspects of sexuality as well as specific sexual concerns of the disabled.

The seminar is limited to twenty-four participants. The fee is \$20 and registrations are accepted at 228 Corbett Hall. For additional information, please telephone 432-5069.

THE POLITICS OF SOCIAL SECURITY

The impact of politics on social security policies in Canada will be the topic of a seminar to be held 26 and 27 September. The seminar, sponsored by the Faculty of Extension and by the University of Calgary Faculties of Social Welfare and Continuing Education, will be conducted by the former Director of the National Council on Welfare, Leonard Shifrin. Topics to be discussed during the seminar include an historical perspective of social security, governmental policy initiatives, the impact of the media on policy formulation and execution, and economic aspects such as taxation and direct payments.

Registrations for the seminar are accepted at 228 Corbett Hall. The fee is \$50.

On Monday, 26 September at 7:30 p.m., Mr. Shifrin will give a free public lecture on "The politics of social security" in 120 Corbett Hall. For additional information on either the seminar or the public lecture, please telephone 432-5069.

CARING FOR THE PERSON WITH AN ORTHOPEDIC PROBLEM

A two-day seminar on Caring for the Person with an Orthopedic Problem has been scheduled for 26 and 27 September by the Faculty of Extension. The seminar has been

designed to assist nurses, registered nursing assistants, and medical attendant identify patient needs and to plan interventions for total care of persons with orthopedic conditions. Areas to be covered include altered physiology as a basis for selecting priorities, making use of specific orthopedic equipment, and providing appropriate information on health care for the patient. There will be formal presentations, demonstrations of equipment and nursing situations, and displays.

Registrations are accepted in 228 Corbett Hall and the fee is \$30. Enrollment is limited to sixty participants. For further information, please telephone 432-5069.

PUBLIC RELATIONS FOR COMMUNITY ORGANIZATIONS

Planning, carrying out, and evaluating public relations programs will be topics discussed in a ten-week evening course, Public Relations for Community Organizations, offered by the Faculty of Extension and beginning 5 October. The course will also include public relations theory and practical techniques of campaign planning and execution. Case studies will be used as illustrations of theory.

Registrations are accepted in 228 Corbett Hall. The fee is \$35 and the course is limited to thirty participants. For additional information, please telephone 432-3033.

FUND RAISING

The basic principles of how to raise funds for all manner of "causes" will be discussed in a two-day seminar to be held under the auspices of the Faculty of Extension on 30 September and 1 October. The seminar will include discussion on the many and varied aspects of fund raising.

Seminar hours will be from 9 a.m. to 4:30 p.m. The fee is \$45 and is payable in 228 Corbett Hall. For additional information, please telephone 432-3033.

CANADIAN STUDIES COURSES

The Faculty of Extension, in response to concern over Canadian material in courses, has scheduled three Canadian Studies courses for this fall.

"Quebec Literature in Process" will begin 4 October. In this course the focus will be on the Quebec novel, although other literary genres will be examined.

"Canadian Society: A Comparative View" is the title for a series of seminars to begin on 6 October. The series will concentrate on aspects of Canadian life which reflect important contemporary issues: multi-culturalism, French and other Canadian cultures, Canada and Britain, the United States, Japan and Europe, centrifugal forces, and the economic factor. The course will be held from 7:30 p.m. to 9:30 p.m. on ten successive Thursdays. The fee is \$30.

A three-day "Seminar on Indian Culture" will

be held from 25 November through 27 November. The Seminar will be conducted by a member of the Indian Association of Alberta and two Indian Elders. The purpose of the Seminar is to help participants gain an understanding of events and institutions which have historically shaped contemporary Indian life, and of underlying spiritual qualities in Indian culture. The fee is \$50 and the seminar is limited to twenty participants.

Registrations for these courses and seminars are accepted in 228 Corbett Hall. For additional information, please telephone 432-3033.

SHORT COURSE ON THE INCOME TAX ACT

The Faculty of Extension will hold a Short Course on the Income Tax Act on six successive Tuesday evenings beginning on 18 October, from 7 p.m. to 9 p.m. The course, which has been designed to give laymen a general overview of the 1972 Act, covers many topics and includes a case study of the preparation of a 1976 individual tax return.

The fee is \$45 including all course materials. Registrations are accepted in 228 Corbett Hall. Additional information is available by calling 432-5067 or 432-5066.

COMPUTER CONTROL AND SECURITY

Computer Control and Security will be the subject of a one-day seminar to be held on 14 October under the auspices of the Faculty of Extension. The seminar has been designed for data processing managers, auditors, and systems analysts responsible for the integrity and accuracy of computerized data. The objective of the seminar is to introduce the standard "checklist" approach to computer security and to show the participant how to apply it to his own facility. Seminar topics will include physical security and backup requirements, timesaring and data communications security, protection against internal and external fraud, and many other items of interest.

The fee is \$65 including coffee, text, and luncheon. Registrations are accepted at 228 Corbett Hall. For additional information, please telephone 432-5067 or 432-5066.

STARTING YOUR OWN BUSINESS

The Faculty of Extension is offering a television course on *Starting Your Own Business* on Cable 13 in conjunction with the Edmonton Educational Cable Consortium. The course begins 3 October.

The topics and the dates on which the topics will be aired are as follows: Starting a Business, 3, 4, and 5 October; Organizing a Business, 10, 11, and 12 October; Credits and Collections, 17, 18, and 19 October; Financial Management, 24, 25, and 26 October; Marketing, 31 October, 1 and 2 November; Personnel, 7, 8, and 9 November; Legal Aspects, 14, 15 and 16 November; Success—

Sell or Continue, 21, 22, and 23 November. The broadcast times are Mondays, 7 p.m. to 7:30 p.m.; repeats: Tuesdays 2:30 p.m. to 3 p.m., and Wednesdays, 8 p.m. to 8:30 p.m. The fee is \$30 including course materials and the one-day seminar. Registrations are accepted in 228 Corbett Hall. For additional information telephone 432-5067 or 432-5066.

The course has been designed to aid persons just starting their own business and those who wish to improve their business practices. It consists of eight half-hour programs which illustrate the current concerns of small businessmen. Each program deals with a particular problem in small business management through a case study of an actual business in Edmonton. The problem is then discussed by a panel of business experts who provide other solutions. The series of programs will conclude with a day-long seminar to be held at the Faculty of Extension on 26 November, Saturday, for persons enrolled in the course.

YOU, THE CHILD, AND STRESS

Helping a child handle stress will be discussed in *You, the Child, and Stress*, a six-week course offered by the Faculty of Extension. The course, which begins on 26 September and which will be held on six successive Mondays from 7:30 p.m. to 10 p.m., will include such topics as hospitalization, new siblings, divorce, step-parents, and death. Emphasis will be given to the adult's response to stressful situations and the impact of these upon the child. A variety of stress-coping methods will be presented.

The course fee is \$25, payable at 228 Corbett Hall, and the enrollment is limited to twenty-four persons. Further information may be obtained by telephoning 432-5069.

ENGLISH LANGUAGE PROGRAM

Beginning the week of 26 September, the Faculty of Extension will offer courses in English as a Second Language at both the intermediate and advanced levels. Classes will be limited to fifteen students and instruction will be largely individual, allowing each student ample opportunity for participation. Work on pronunciation and idiom drills will be carried out in a language laboratory.

The regular ten-week courses will meet twice a week in the evenings for two-hour sessions, giving a total of forty hours of instruction. The fee for each course is \$65, which includes textbooks and the language-laboratory fee. The Pronunciation Course will meet twice a week for one and one-half hours sessions for a total of thirty hours of instruction. The fee for the course is \$40.

A placement test is required of all students who have not previously taken courses in the English as a Second Language Program to ensure that they will be placed in the levels

that will benefit them the most. Placement tests will be given on Thursday, 22 September at 7 p.m. and on Saturday, 24 September at 9:30 a.m. The fee for the test is \$3 and is to be paid in 228 Corbett Hall, at least fifteen minutes before the test is scheduled to commence. The tests will be conducted in Corbett Hall and will take about two hours to complete.

Brochures outlining the content of each course can be obtained by telephoning 432-4297 or 432-3036.

COUPLES OVER FORTY: DEVELOPING RENEWED MEANING

Ways to renew meaning in a marriage after the children are reared will be discussed in a week-end seminar offered 30 September through 2 October by the Faculty of Extension. The seminar, "Couples over forty: Developing Renewed Meaning," has been designed for couples over forty years of age who wish to explore the possibilities of developing renewed meaning in their marital relationship. The basis for the seminar will be methods of Reality Therapy. Topics will include establishing new roles and goals, honest communication, trust and commitment, love and sex, retirement, and growing old together.

Seminar hours will be from 7 p.m. to 10 p.m. on Friday, 30 September and from 9 a.m. to 5 p.m. on Saturday and Sunday, 1 and 2 October. Enrollment is limited to fifteen couples so early registration is advised. The fee is \$60 per couple and is payable in 228 Corbett Hall. For additional information, please telephone 432-5069.

AQUATIC PROGRAM

Schedules are now available for the 1978 University of Alberta Aquatic Program. This program is most comprehensive and offers non-swimmers and swimmers at every stage of advancement the opportunity to improve their aquatic skills. The starting date for registrations is 1 November and the closing date for the first program session—Winter, 9 January to 26 March 1978—is 23 December.

Registration fees vary: All applicants who are employed by the University must possess a valid "Privilege Card" before registering. Such cards may be acquired in W1-34 Physical Education and Recreation Centre during normal office hours, at a small annual charge. The fee for "Privilege Card" holders and students who possess valid I.D. cards (athletic fee paid), is \$10. Members of the public will pay \$12. Applications will be accepted in the bleachers outside the West Pool office or may be sent, along with a registration form and cheque, to the Director of Aquatic Programs, "Swimming Lessons," Faculty of Physical Education, University of Alberta,

Edmonton. For further information, please telephone 432-3570. Classes are allotted on a "first come—first serve" basis, so early registration is strongly advised. Telephone registrations are not accepted.

SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

Mental Retardation—Research and Study, Type A
Donor: The Canadian Association for the Mentally Retarded. **Where tenable:** Canadian universities. **Level of study:** Graduate. **Field of study:** Disciplines relating to studies in mental retardation. **Value:** \$6,000 in addition to travel award. **Number:** Variable. **Duration:** One year period plus second year option. **Conditions:** The candidate must be a Canadian citizen or landed immigrant, be accepted into a full-time graduate program at a Canadian university, and must state intent to pursue career in selected field in Canada. **Closing date:** 20 February 1978. **Further information and application form should be requested from:** The Student Awards Office, 252 Athabasca Hall.

POSITIONS VACANT

NON-ACADEMIC POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 23 September.

Clerk Typist II (\$4.25 per hour, twenty-five hours per week)—Biochemistry
 Clerk Typist II (\$644-\$751)—Housing and Food (HUB); Secondary Education; Political Science
 Clerk Steno II (\$644-\$779)—Chemistry
 Purchasing Clerk (\$670-\$811)—Purchasing (two positions)
 Clerk Typist III (\$696-\$843)—Office of the Registrar
 Clerk Steno III (\$721-\$877)—Educational Psychology
 Senior Clerk (\$696-\$843) Campus Security; Immunology
 Data Entry Operator I (\$721-\$877)—Computing Services
 Accounts Clerk II (\$779-\$952)—Office of the Comptroller; Zoology
 Secretary (\$811-\$994)—Dean of Arts, Comparative Literature
 Administrative Clerk (\$843-\$1,034)—Romance Languages
 Departmental Secretary (\$914-\$1,125)—Health Services Administration; Anatomy
 Laboratory Assistant II (\$670-\$811)—Anatomy
 Housing Worker (\$4.02 per hour)—Housing and Food Services (apply at HUB office)
 Radio Host and Researcher (\$843-\$1,034, trust)—Faculty of Extension, Legal Resource Centre
 Technician I (\$843-\$1,034)—Mechanical Engineering; Geology
 Biochemistry Technician I (\$843-\$1,034)—Surgical-Medical Research Institute
 Civil Engineering Technician I (\$843-\$1,034)—Civil Engineering
 Dental Technician I (\$877-\$1,078)—Faculty of Dentistry
 Biochemistry Technician I/II (\$877-\$1,224)—Electrical Engineering
 Biochemistry Technologist I (\$952-\$1,173, trust)—Biochemistry
 Instrument Technician II/III (\$994-\$1,393)—Pharmacy

Dental Equipment Repair Technician (\$1,078-\$1,335)—Faculty of Dentistry
 Machinist Technician II (\$1,078-\$1,335)—Technical Services
 Programmer Analyst II (\$1,125-\$1,393)—Office of Administrative Systems
 Programmer Analyst II/III (\$1,125-\$1,660)—Computing Services
 Programmer Analyst III/IV (\$1,335-\$1,985)—Office of Administrative Systems (two positions)

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information about position requirements and availability.

Bookkeeper I (\$644-\$779)—Administration
 Bookkeeper II (\$721-\$877)—Administration
 Secretary (\$811-\$994)—Cataloguing
 Library Assistant I (\$751-\$914)—Cataloguing; Government Publications
 Library Assistant II (\$843-\$1,034)—Cataloguing (three positions)
 Library Assistant III (\$952-\$1,173)—Cataloguing

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodations available

Subletting—two-bedroom apartment, furnished or unfurnished. 111 Street, 87 Avenue. 1 January - 31 August 1978. 432-5678.
 House for rent—three-bedroom bungalow on 112 Street - 59 Avenue. Five minutes to University. Immaculate, finished basement with an extra bedroom. Four appliances. Available 15 October. \$550 monthly. 436-2514.
 For rent—three-bedroom split-level, fully furnished, all appliances, single garage. Available 15 October to 15 April. \$550 monthly. Telephone, 476-5657.
 For rent—furnished bungalow. 1 January - 1 August. Walking distance University. Telephone evenings, 434-2520.
 For sale—University area. Well-kept three-bedroom semi-bungalow. Developed basement, two garages, patio. Near buses. \$64,900. 433-7389.
 For rent—attractive, unfurnished, three-bedroom bungalow in Crestwood. Finished basement, garage, fenced yard, drapes. Available 1 October. \$500/month. 487-4647.
 For rent—three-bedroom townhouse. North East Edmonton, twenty minutes from University. January - June, 1978. 478-6507 evenings.
 Best buy on Westbrook Drive—immaculate three-bedroom split; family room 26 x 15; recreation room, one bedroom downstairs; double garage. R. Richter. Weber. 488-6930; 455-4135.
 For rent—three-bedroom home, two baths, large rumpus room, study. Direct bus to University. Available 1 January - 30 June 1978. Unfurnished \$400; furnished \$450. References; no pets; non-smokers. 467-1556; 432-4744.
 For rent—furnished three-bedroom house, garage. Ottewell. References, damage deposit. 1 November to 15 April. 466-5403.
 Spacious home tailored to the needs of a professional family. Twenty minutes from Edmonton; 3,400

square feet. A delightful family house occupying a secluded site on 3.2 acres; unique interior design. Large library-study off entrance; three bedrooms (master bedroom with its own study); hexagonal kitchen; dining and living area with brick fireplace; main-floor laundry and 2½ bathrooms. Lower floor: lovely family room with brick fireplace and sliding doors to wooded seclusion. Also cheerful hobby room or fourth bedroom. Professionally engineered zoned control heating. Asking price: \$165,000. Telephone owner at 963-3453.

Christian family have apartment for rent in private home. Three large rooms, fireplace, kitchenette, shower, and two-piece bathroom; separate entrance. Riverbend area. Telephone 434-6022.

For sale—Petrolia. Three-bedroom bungalow; Tyndal-stoned fireplace, finished basement, double garage. Near stores, schools, University. Mature trees. 435-1488 after seven.

For sale by owner—revenue house. Walking distance to University. Two bedrooms main floor, two bedrooms upstairs. Self-contained basement suite. Telephone 436-3812.

For sale—bi-level. By owners. Rio Terrace, ten minutes from University. Living room with fireplace, dining room, extra large kitchen, three bedrooms, 1½ bathrooms, utility room on upper level. Family room with fireplace, bedroom, and large games room (or second bedroom) on lower level. Attached double garage. Large fully landscaped lot with many mature trees; on quiet street with schools, bus, and playgrounds one block away. Telephone 487-3304 for appointment to view.

For sale—unusual old home overlooking Mill Creek ravine. Hardwood floors, high ceilings, original wood restored, three bedrooms, single garage, established gardens. Many unique features. Asking \$74,000. 8913 97 Street or telephone 432-0047 after five.

Third female (mature and quiet) to share lovely new fourplex near University. \$165 monthly. 436-9367.
 Garneau—large unfurnished main floor, three bedrooms, large kitchen, dining and living room, garage. \$355. Excellent for University or hospital staff. No students please. 10040 86 Avenue. 436-2412.

Accommodation wanted

House wanted—Belgravia couple require three-bedroom home with large living room. Will pay up to \$100,000. Also small home required in Windsor Park. Please call Dorothy Hamilton, 439-7371 or 436-8509, Kellough Realty.

Physician and family wish to rent or buy home in Edmonton. Prefer University district. Box 654, Sub 11, University of Alberta, T6G 2E0.

Automobiles and accessories

For sale—380 GT Suzuki motorcycle. Excellent condition, 2,800 miles, crash bars, backrest. \$900. 462-3453.
 Selling—a pair of styled wheels, and shop manuals for Capri 2000. 432-5115; 435-3122.
 Carport for rent; two blocks University. 433-1357 afternoons.
 1975 AMC Hornet, automatic, 25,000 miles. \$2,600. 432-3063 days; 433-0926 evenings and weekends.
 1974 Maverick four-door automatic, power steering, six cylinders, 35,000 miles, excellent condition. 435-5219.
 1968 Ferrari 330 GTC. Believed unique in Canada. Air conditioned, leather interior, excellent condition. \$19,000. Trades considered. Taitt, 432-4965 days.

Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.
 Babies—three- to nine-months-old volunteers needed for a short observation of early learning. Dr. Cornell, 432-5216.
 Antiques from England—Victorian furniture, tables, chairs, sideboards, chests, bookcases, stools, dolls,

jewelry, clocks, porcelain—Derby, Doulton, Dux, Dresden, Worcester, Oriental. Art nouveau, art deco, commemoratives, carnival glass, pictures, gifts, collectables. Mary Goulden Antiques. Horsehill Hall, from junction 137 Avenue and 50 Street, drive five miles north, then 1½ miles east. 2-8 p.m. Thursday through Sunday. 973-3656, 475-8139. Also at corner of 109A Avenue and 135 Street. Thursday, Friday, Saturday, 10 - 5 p.m. 452-0397.

Susana Singer teachers piano; advanced, elementary students. Preparation for Western Board, Toronto Conservatory exams. Petrolia area. 434-0574.

Quality interior home painting. Licensed, bonded. Reasonable. 436-2988 or 432-7064.

Landscaping, leveling, sodding, yard maintenance, all Bobcat-type work. Telephone 462-2878.

Expert typing of theses. Telephone 455-0641.

For sale—fresh lamb, freezer-ready, \$1.25 lb. 432-3414; 963-3238.

Typing—theses, etc., Mrs. Empey; 456-1886.

Need a tree? Eight-foot Blue Spruce for sale. Telephone 435-1916.

Interested in having your garden tilled now instead of waiting till spring-time rush? Telephone Jerry; 439-3531 after 5 p.m.

Gerber carving knife, "Snickersnee," hardly used, \$28. Telephone 433-3724.

Book now for your Hawaii holiday in Kihei Maui. New super deluxe studio. All amenities, pools, tennis court, beach, \$30 daily. For information telephone 424-8872 week-ends.

Babysitting in my home near University. Age: 0 - 2 years. Monday through Friday, 9 to 5. Telephone 459-5055.

Typing services—IBM Selectric typewriter. Previous theses experience. Kim; 462-3453.

Require responsible person for child care. Daily, Monday - Friday, your home. University, Michener Park area. 436-0245.

For sale—lady's short tan northern muskrat coat.

Perfect condition, \$400. Gas kitchen stove, four burners, oven. \$50. 436-0074.

Teak shelves, office desk, electric typewriter, sofa, chairs, other articles. 432-3063 days; 433-0926 evenings and weekends.

Two-keyboard electric organ for sale. 469-6437.

Nineteen-inch black and white TV portable. Excellent condition. 432-4727 or 436-3785.

Nordic Home Services—qualified in all aspects of home design, renovations, repair, and maintenance. Telephone 437-1421 evenings.

Kenmore washer, spin-dryer. Excellent condition. \$110. 439-3386 after five.

Rummage sale sponsored by city Mennonite churches for charity purposes. Used clothing, household items, crafts, home baking. 11210 59 Avenue. 30 September, 2 - 9 p.m. and 1 October, 9 a.m. - 3 p.m.

Job wanted—eager and energetic associate professor in Faculty of Education, with excellent knowledge of school affairs, seeks position as trustee. Willing to work long hours to improve the quality of school programs. You may employ by casting one of your nine votes on the Edmonton Public School ballot for Dr. Don Massey.

French courses—Ecole de L'Alliance Française

(non-profit organization). Courses starting

3 October; adults and children. Telephone

Dr. M.J. Monod 433-7946. Recorded announcement—leave your name and telephone number.

Avon. Yes you can! You can add additional dollars to your family's income with Avon's beautiful new Christmas line, plus makeup and fragrance for today's woman. It's a wonderful opportunity for the energetic woman. How about you? Telephone Mrs. Houghton 465-1088.

For sale—girls' 24-inch, boys three-speed bicycles. Repairs needed. 436-1167.

Purebred unregistered smooth black and tan mini-Dachshund puppies. Telephone 436-1167.

Smoker volunteers required for research: "Effects of cigarettes on lung volumes." Pulmonary functions done at your convenience. Please telephone Dr. York 432-6212.

Corot student tenor saxophone, case, and accessories. Excellent condition. \$275. Telephone 436-1410 after 4 p.m.

For sale—two 13-inch rims for Astra Vega, \$6 each; 7 x 8 tourist tent, \$10; student desk, \$7; study table, 30 x 60, wood-grain top, \$20; component stereo, \$15; woman's bicycle, \$12. Telephone 435-6246.



Barbra Huston
Manager

Beverley Ireland

R.W. Chapman
President

Cindy Roche

EDMONTON TRAVEL AGENCY CO. LTD.
9108 - 112 STREET, EDMONTON, ALBERTA T6G 2C5
TELEPHONE 433-2494

Shanghai House Mandarin Restaurant

6526 111 Street

Edmonton, 435-7622

Mon.-Thur. 12 noon-10 p.m.

Fri.-Sun. 12 noon-11 p.m.

Everyday Special Luncheon

**Stained Glass
Windows**
Art Glass & Mosaic Works
of Western Canada
Designing-Manufacturing
Installations
Restorations-Repairs
No. 3 9430-118 Ave.
Edmonton 477-1601



ELIAS

restaurant

8615 - 109 st.

edmonton

439-4738

GOOD

FOOD

Edmonton Chamber Music Society
1977-78 Concert Series

Opens Wednesday, 12 October,
8:30 p.m. with

Quartet Canada

(Ronald Turini, *piano*; Steven Staryk,
violin; Gerald Stanick, *viola*;
Tsuyoshi Tstutsumi, *cello*)

SUB Theatre

Seasons tickets available at the HUB Box Office,
3-82 Fine Arts Building, Canadiana Gifts,
10414 Jasper Avenue, or telephone 434-6970 or 483-5870.



UNIVERSITY BRANCH
"Serving South West Edmonton"

CARLY MACLEOD, B. Ed.

10624 - 82 Avenue
EDMONTON, ALBERTA

Bus. 439-3995
Res. 423-2689



UNIVERSITY BRANCH
"Serving South West Edmonton"

JEAN ST. PIERRE

10624 - 82 Avenue
EDMONTON, ALBERTA

Bus. 439-3995
Res. 462-0504
Distacom 467-4335 #589

shuttles
weaving studio and shop

Classes - Weaving supplies

Tuesday-Saturday: 10:00 - 5:30
8209 107 Street, Edmonton
432-9101